Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	(DIETER.in. or MAISCH.in.) and (exhaust near4 gas) and (engine) and (pump$4) and (piston) and (piezo or piezoelectric$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 09:10
S2	24	(DIETER.in. or MAISCH.in.) and (exhaust near4 gas) and (engine) and (pump$4) and (piston)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 09:10
S3	327	(exhaust near4 gas) and (engine) and (pump$4) and (piston) and (piezo or piezoelectric$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:49
S4	0	(exhaust near4 gas) and (engine) and (pump$4) and (piston) and (piezo or piezoelectric$4) and (reduct$4 near4 agent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 09:11
S5	3	(exhaust near4 gas) and (engine) and (pump$4) and (piston) and (piezo or piezoelectric$4) and (reduc$4 near4 agent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 09:12
S6	3	(exhaust near4 gas) and (engine) and (piston) and (piezo or piezoelectric$4) and (reduc$4 near4 agent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 09:12

S7	3	(exhaust near4 gas) and (engine) and (pump$4) and (piston) and (piezo or piezoelectric$4) and ((60/286.ccls.) or (60/303. ccls.) or (60/295-297.ccls.))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/13 09:13
S8	3	(exhaust near4 gas) and (engine) and (piston) and (piezo or piezoelectric$4) and ((60/286.ccls.) or (60/303.ccls.) or (60/295-297.ccls.))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/13 09:13
S9	18	(exhaust near4 gas) and (engine) and (piezo or piezoelectric$4) and ((60/286.ccls.) or (60/303. ccls.) or (60/295-297.ccls.))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/13 09:14
S10	35	(exhaust near4 gas) and (engine) and (piezo or piezoelectric$4) and (60/272-324.ccls.)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/13 12:00
S11	35	(exhaust near4 gas) and (engine) and (piezo$4 or piezoelectric$4) and (60/272-324.ccls.)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/13 12:00
S12	165	(exhaust near4 gas) and (engine) and (piezo$4 or piezoelectric$4) and (exhaust near3 pipe)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/13 12:03

S13	27	(exhaust near4 gas) and (engine) and (piezo$4 or piezoelectric$4) and (exhaust near3 pipe) and (meter$4 near4 (fuel of reduct$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:06
S14	27	(exhaust near4 gas) and (engine) and (piez$4 or piezoelectric$4) and (exhaust near3 pipe) and (meter$4 near4 (fuel of reduct$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:06
S15	46	(exhaust near4 gas) and (engine) and (piez$4 or piezoelectric$4) and (exhaust near3 system) and (meter$4 near4 (fuel of reduct$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:55
S16	0	(exhaust near4 gas) and (engine) and (piez$4 or piezoelectric$4) and (exhaust near3 system) and (60/272-324.ccls. and "239"/$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:56
S17	15	(exhaust near4 gas) and (engine) and (exhaust near3 system) and (60/272-324. ccls. and "239"/$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:56
S18	22	(exhaust near4 gas) and (engine) and (60/272-324. ccls. and "239"/$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:58

S19	7	S18 not S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/13 12:58
S20	511	(exhaust near4 gas) and (engine) and (pump$4) and (inject$4) and (piezo or piezoelectric$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 11:38
S21	343	(exhaust near4 gas) and (engine) and (pump$4) and (injector) and (piezo or piezoelectric$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 09:11
S22	36	(exhaust near4 gas) and (engine) and (piezo or piezoelectric$4) and (60/272-324.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/07 11:40
S23	149	(exhaust near4 gas) and (engine) and (pump$4) and (injector) and (piezo or piezoelectric$4) and (exhaust near4 (system or pipe))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 09:11
S24	149	(exhaust near4 gas) and (engine) and (pump$4) and (injector) and (piezo or piezoelectric$4) and (exhaust near4 (system or pipe))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 09:11

S25	344	(exhaust near4 gas) and (engine) and (pump$4) and (injector) and (piezo or piezoelectric$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 09:12
S27	98	S24 not shell	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:24
S28	51	"4,955,339"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:17
S29	2	"4955339".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:23
S30	2387220	"26" not "27"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:23
S31	344	(exhaust near4 gas) and (engine) and (pump$4) and (injector) and (piezo or piezoelectric$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:24

S32	278.	S31 not shell	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:24
S33	149	(exhaust near4 gas) and (engine) and (pump$4) and (injector) and (piezo or piezoelectric$4) and (exhaust near4 (system or pipe))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:24
S34	98	S33 not shell	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:25
S35	51	S33 not S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:25
S36	180	S32 not S33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:27
S37	0	S36 and (60/272-324.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:28

S38	40	(60/272-324.ccls.) and (piezo or piezoelectric$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:28
S39	40	(60/272-324.ccls.) and (piez$4 or piezoelectric$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 13:28
S40	160	(exhaust near4 gas) and (engine) and (pump$4) and (piston) and (piezo or piezoelectric$4) and (hous$4 and chamber)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:57
S41	26	(exhaust near4 gas) and (engine) and (pump$4) and (piston) and (piezo or piezoelectric$4) and (hous$4 and chamber) and (collar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:54
S42	19	(exhaust near4 gas) and (engine) and (pump$4) and (piston) and (piezo or piezoelectric$4) and (hous$4 and chamber) and (collar) and (check near4 valv$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:50
S43	19	(exhaust near4 gas) and (engine) and (pump$4) and (piston) and (piezo or piezoelectric$4) and (hous$4 and chamber) and (collar) and (check$4 near4 valv$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:50

S44	65	(exhaust near4 gas) and (engine) and (pump$4) and (piston) and (piezo or piezoelectric$4) and (hous$4 and chamber) and (exhaust near4 (pipe or manifold))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:57
S45	63	(exhaust near4 gas) and (engine) and (pump$4) and (piston) and (piezo or piezoelectric$4) and (hous$4 and chamber) and (exhaust near4 (pipe or manifold)) and (connect$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:58
S46	42	S45 not S41	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:58
S47	7	("3904347" | "4345431" | "4541239" | "4557108" | "4608013" | "4622811" | "4651524").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 10:53
S48	3	("4912920").URPN.	USPAT	OR	ON	2005/02/09 10:53
S49	11	("3924598" | "4363307" | "4414940" | "4478190" | "4480620" | "4492193" | "4492194" | "4501239" | "4621599" | "4691674" | "4785784").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 10:53
S50	45	("4955339").URPN.	USPAT	OR	ON	2005/02/09 10:53
S51	9	("3682142" | "4099489" | "4442801" | "4918916" | "4971009" | "5153834" | "5183011" | "5218941" | "5222481").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 10:53
S52	16	("5394852").URPN.	USPAT	OR	ON	2005/02/09 10:54

S53	23	("3597165" | "3896616" | "3945204" | "4452040" | "4526323" | "4541239" | "4909440" | "4981267" | "5155994" | "5189876" | "5193340" | "5201300" | "5201802" | "5205492" | "5209061" | "5233830" | "5313792" | "5332554" | "5349816" | "5412946" | "5522218" | "5578277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 10:54
S54	3	("5787708").URPN.	USPAT	OR	ON	2005/02/09 10:54
S55	7	("3598506" | "3924974" | "4748954" | "4821726" | "4899714" | "5192197" | "5482213").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 10:54
S56	1	("6146102").URPN.	USPAT	OR	ON	2005/02/09 10:55
S57	7	("5207185" | "5305714" | "5343699" | "5357908" | "5394852" | "5488932" | "5692458").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 10:55
S58	11	("6155212").URPN.	USPAT	OR	ON	2005/02/09 10:55
S59	15	("3598506" | "3924974" | "4082481" | "4499878" | "4635849" | "4649886" | "4748954" | "4821726" | "4899714" | "4939405" | "5004945" | "5020724" | "5036821" | "5192197" | "5482213").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 10:56
S60	2	("6293255").URPN.	USPAT	OR	ON	2005/02/09 10:56
S61	4	("5605042" | "6050088" | "6192677" | "6279603").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 10:56
S62	0	("6513323").URPN.	USPAT	OR	ON	2005/02/09 10:57

S63	33	("3656693" | "3906725" | "4075982" | "4139157" | "4185779" | "4271675" | "4324208" | "4496292" | "4644878" | "4693224" | "4825828" | "4836453" | "4848658" | "4917307" | "4978074" | "5035360" | "5046472" | "5056488" | "5218824" | "5540047" | "5605042" | "5613363" | "5622155" | "5634597" | "5884475" | "6050088" | "6073862" | "6161527" | "6167698" | "6192677" | "6200535" | "6311484" | "RE34945").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 10:57
S64	6	("6311484").URPN.	USPAT	OR	ON	2005/02/09 10:57
S65	13	("4854123" | "4955183" | "5021227" | "5038562" | "5522218" | "5605042" | "5643536" | "5771689" | "5809775" | "5826428" | "5992141" | "6119448" | "6192677").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 10:57
S66	1	("6539708").URPN.	USPAT	OR	ON	2005/02/09 10:58
S67	0	("2004/0103641").URPN.	USPAT	OR	ON	2005/02/09 10:58
S68	13	("4605166" | "4784102" | "4798186" | "4957085" | "5067658" | "5156132" | "5537972" | "5660368" | "5694903" | "5819704" | "5860597" | "5890471" | "6021760").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 10:58
S69	3	("6293254").URPN.	USPAT	OR	ON	2005/02/09 10:58
S70	7	("3520641" | "3753426" | "4463727" | "4538580" | "4550744" | "4588908").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 10:58
S71	12	("4660523").URPN.	USPAT	OR	ON	2005/02/09 10:59

S72	4	("5027778" | "5220899" | "5495839" | "5666920").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/09 10:59
S73	7	("6032652").URPN.	USPAT	OR	ON	2005/02/09 10:59